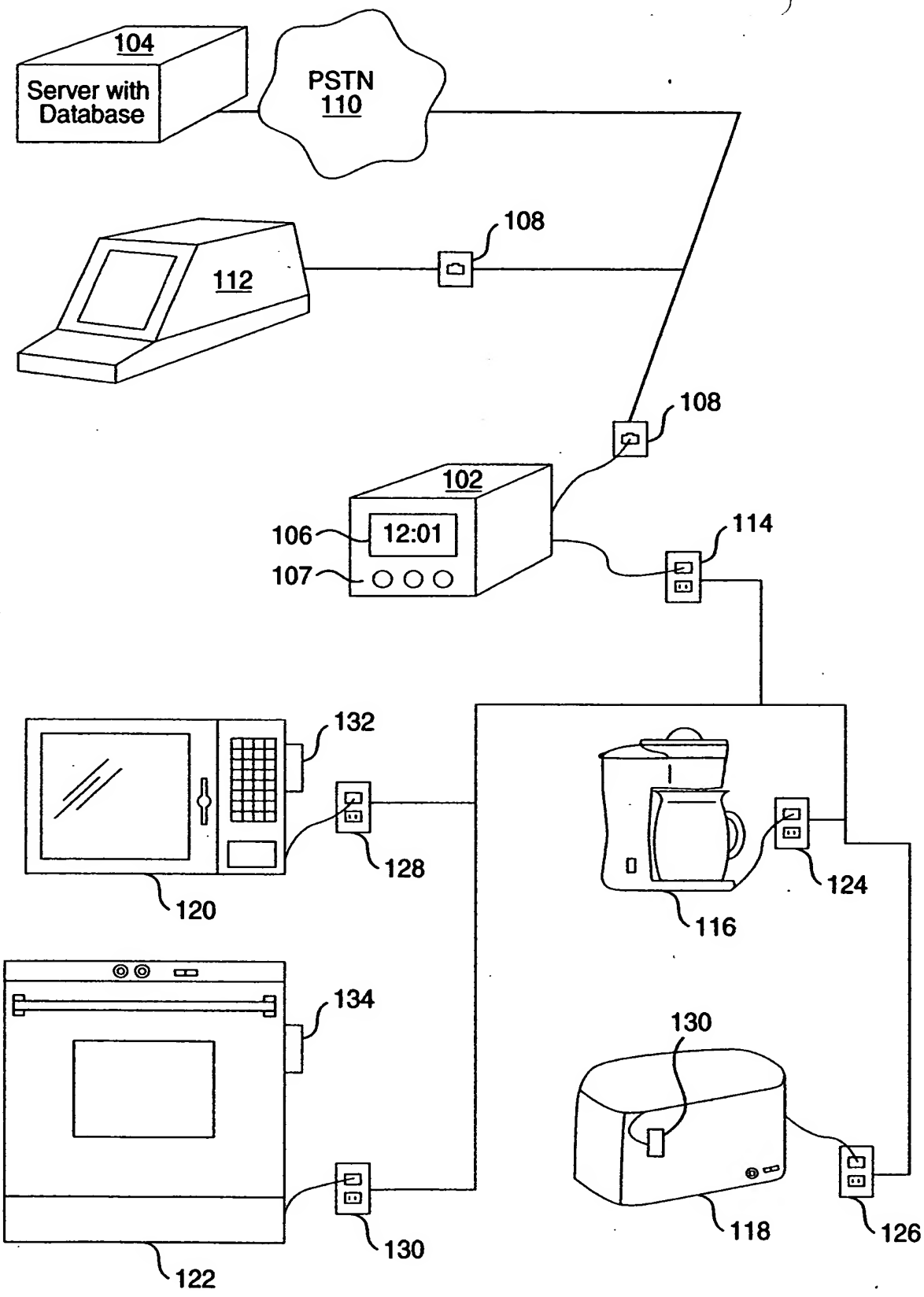
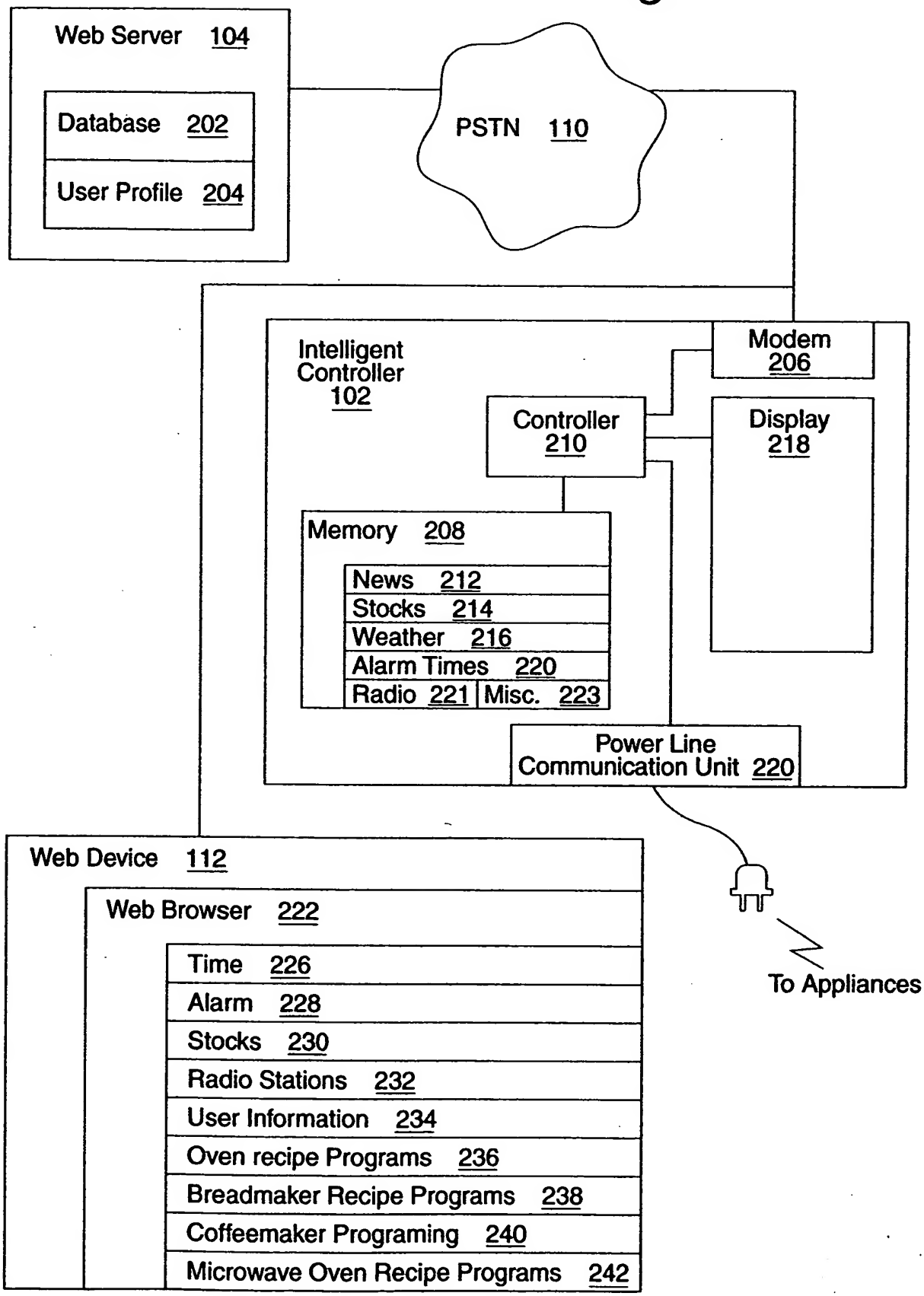

104
Server with Database
PSTN
110
108
112
108
102
106
12:01
107
114
132
128
120
124
116
134
130
130
118
126
122

Fig. 1

Fig. 2



20030145207

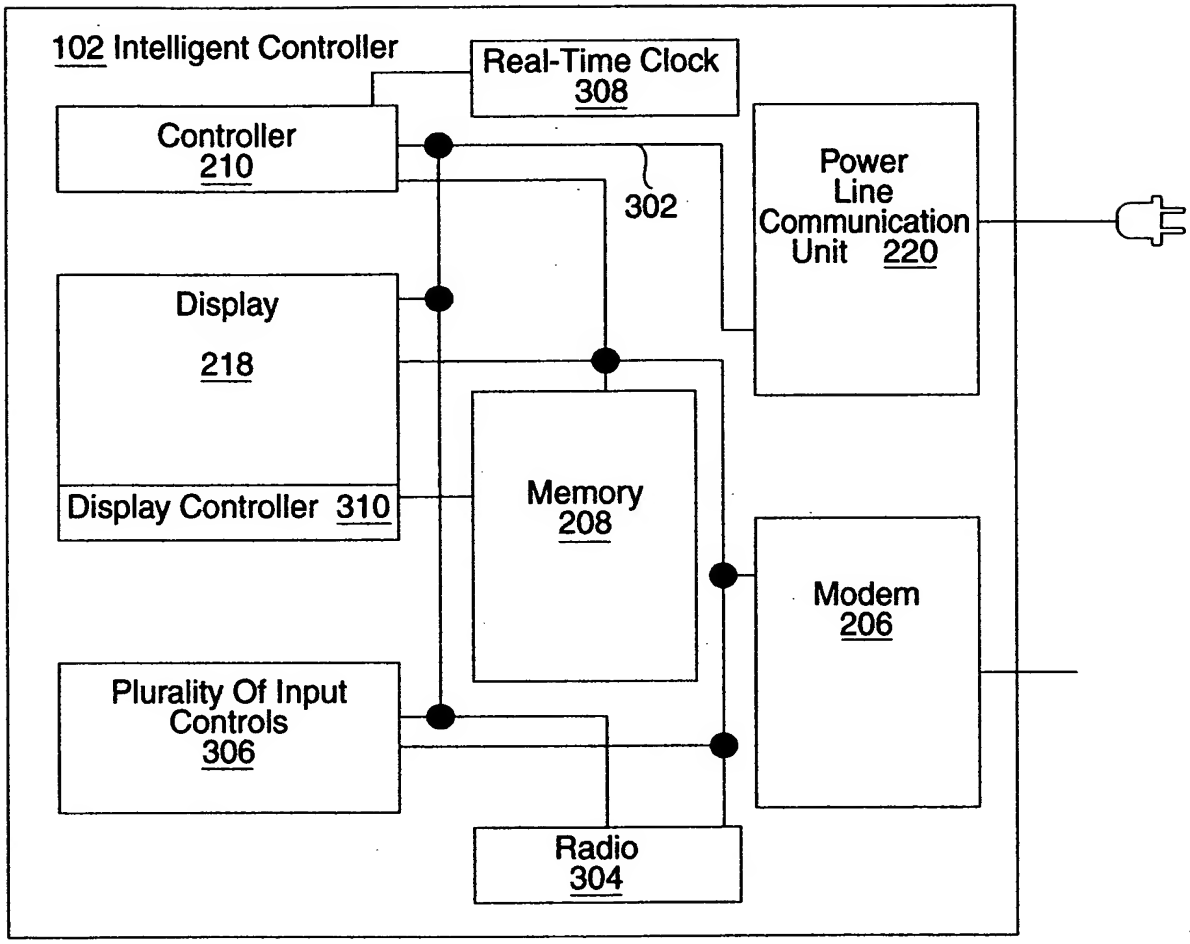

102 Intelligent Controller
Real-Time Clock
308
Controller
210
302
Power
Line
Communication
Unit 220
Display
218
Display Controller 310
Memory
208
Modem
206
Plurality Of Input
Controls
306
Radio
304

Fig. 3

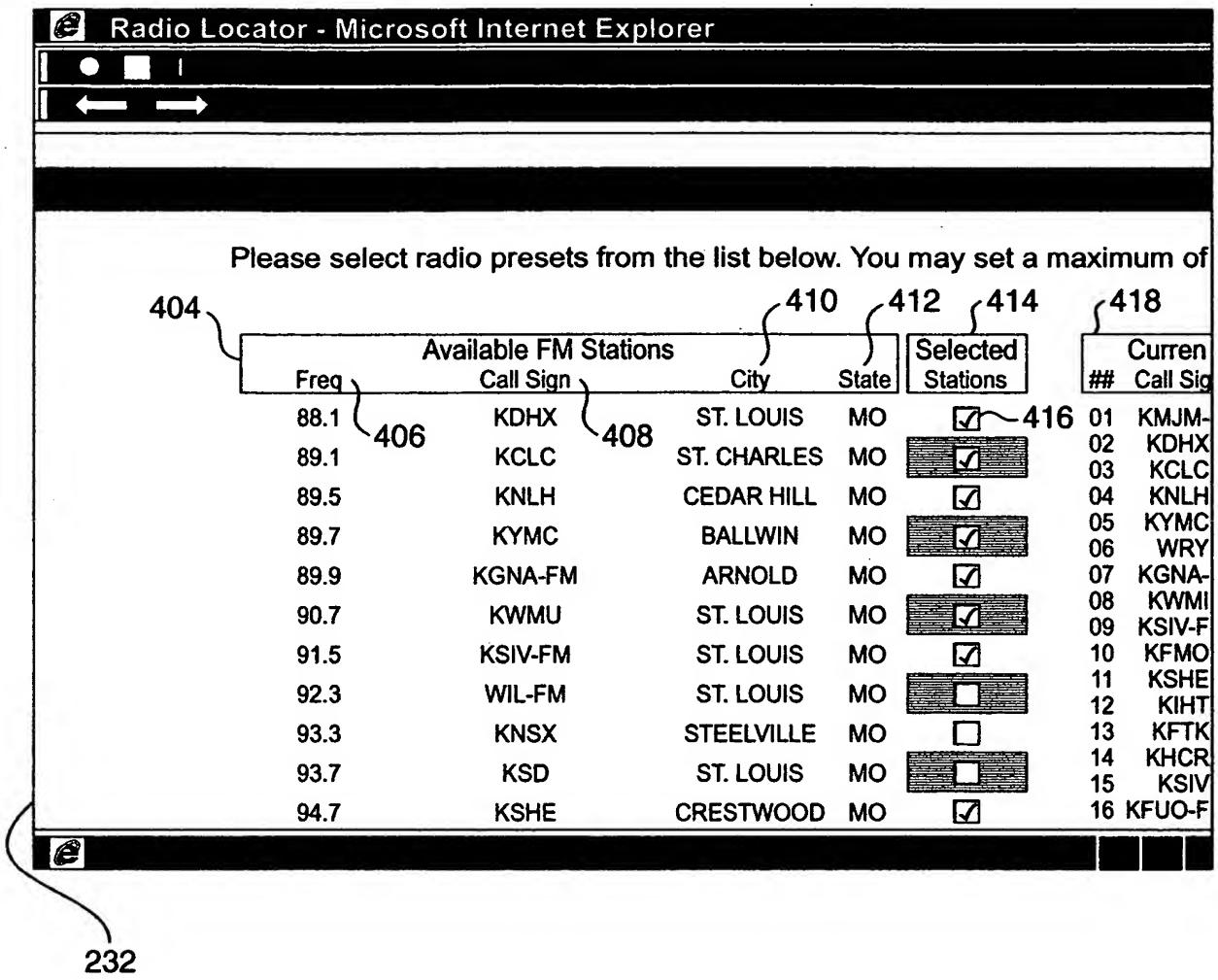

Radio Locator - Microsoft Internet Explorer
Please select radio presets from the list below. You may set a maximum of
404
410
412
414
418
Available FM Stations
Freq
Call Sign
City
State
Selected Stations
Curren
Call Sig
406
408
416
88.1 KDHX ST. LOUIS MO
89.1 KCLC ST. CHARLES MO
89.5 KNLH CEDAR HILL MO
89.7 KYMC BALLWIN MO
89.9 KGNA-FM ARNOLD MO
90.7 KWMU ST. LOUIS MO
91.5 KSIV-FM ST. LOUIS MO
92.3 WIL-FM ST. LOUIS MO
93.3 KNSX STEELVILLE MO
93.7 KSD ST. LOUIS MO
94.7 KSHE CRESTWOOD MO
01 KMJM-
02 KDHX
03 KCLC
04 KNLH
05 KYMC
06 WRY
07 KGNA-
08 KWMI
09 KSIV-F
10 KFMO
11 KSHE
12 KIHT
13 KFTK
14 KHCR
15 KSIV
16 KFUO-F
232

Fig. 4

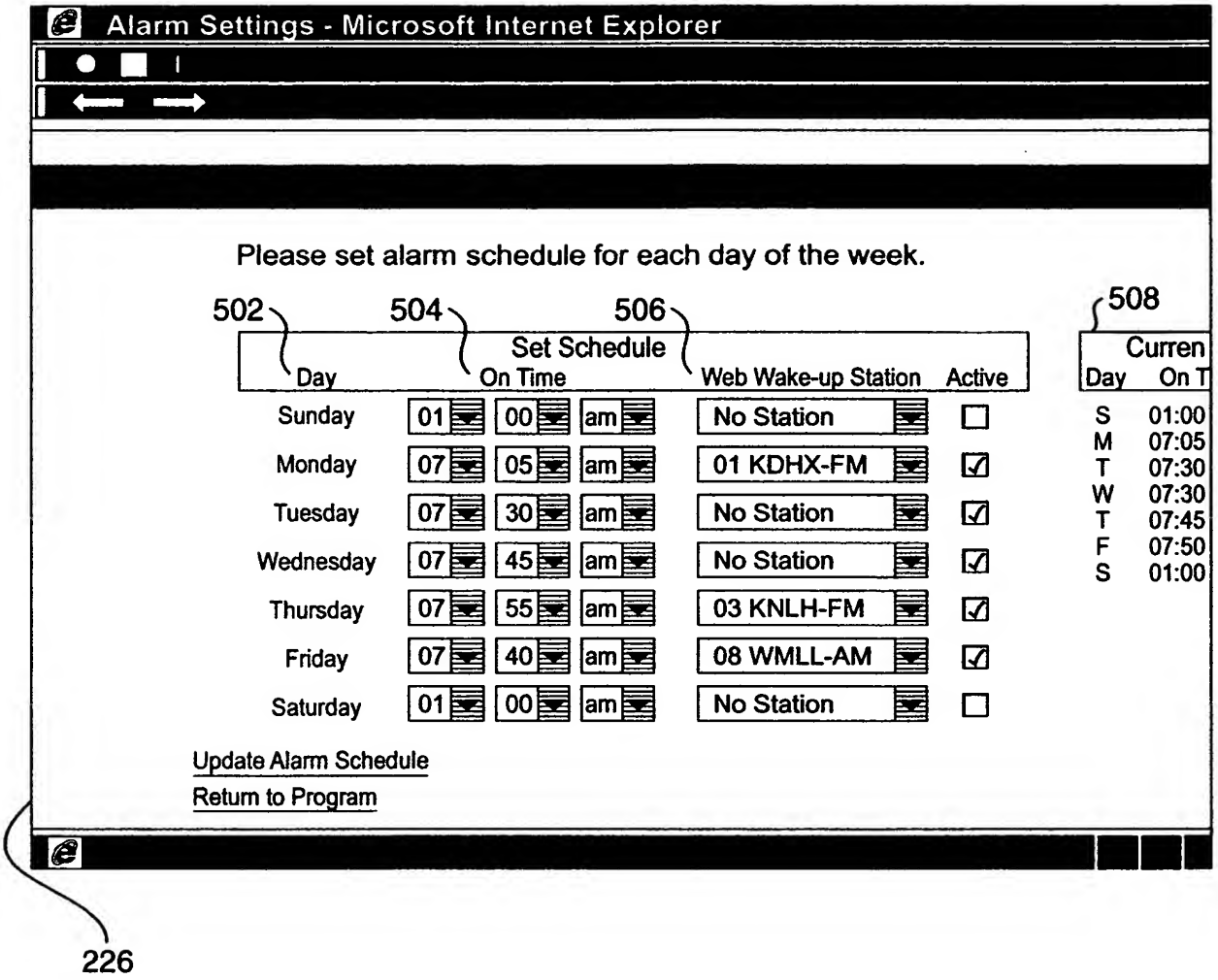

Alarm Settings - Microsoft Internet Explorer
Please set alarm schedule for each day of the week.
502
504
506
508
Set Schedule
Day
On Time
Web Wake-up Station
Active
Curren
Day
On T
Sunday 01 00 am No Station
Monday 07 05 am 01 KDHX-FM
Tuesday 07 30 am No Station
Wednesday 07 45 am No Station
Thursday 07 55 am 03 KNLH-FM
Friday 07 40 am 08 WMLL-AM
Saturday 01 00 am No Station
S 01:00
M 07:05
T 07:30
W 07:30
T 07:45
F 07:50
S 01:00
Update Alarm Schedule
Return to Program
226

Fig. 5

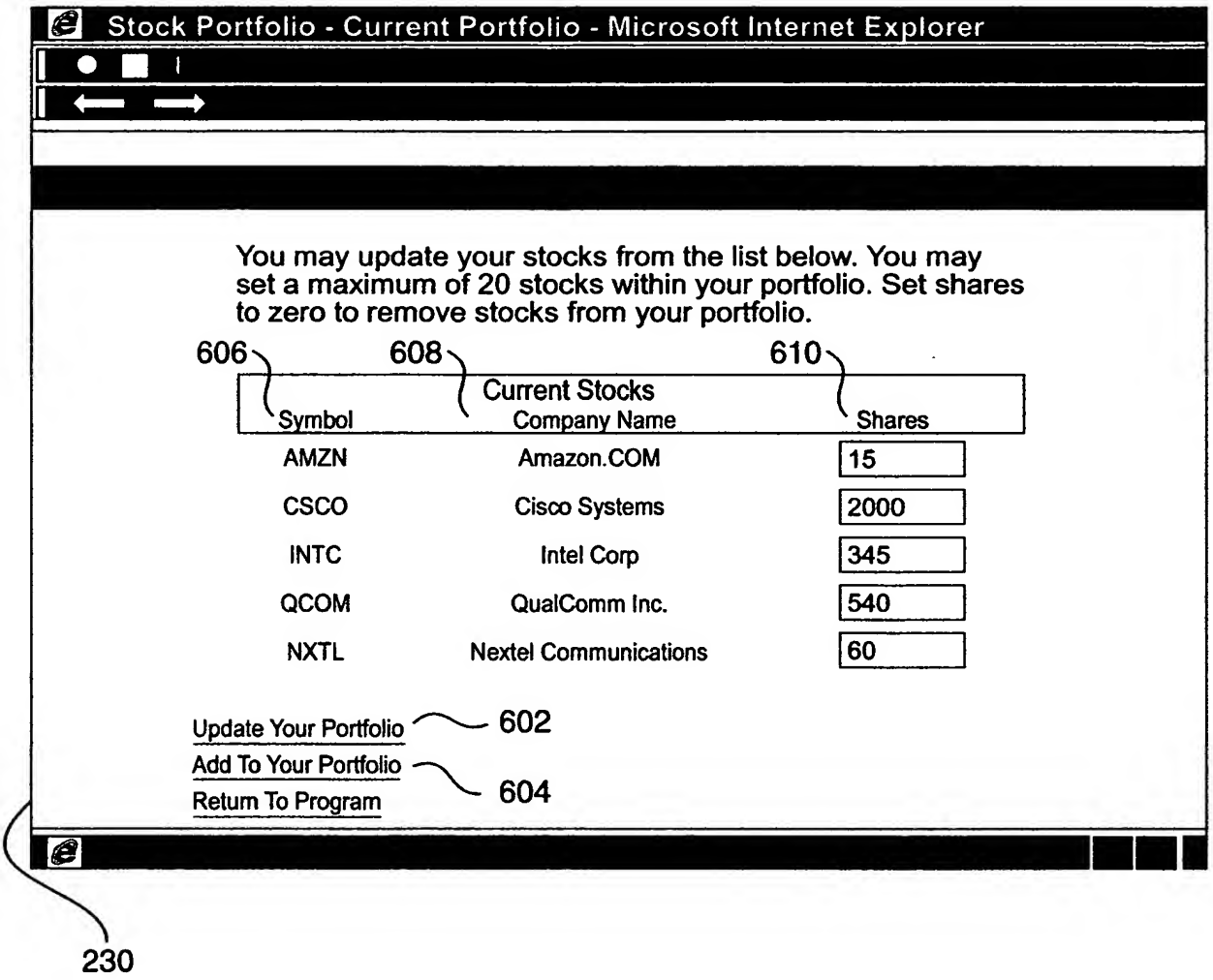


Fig. 6

20030234.4.2.2004

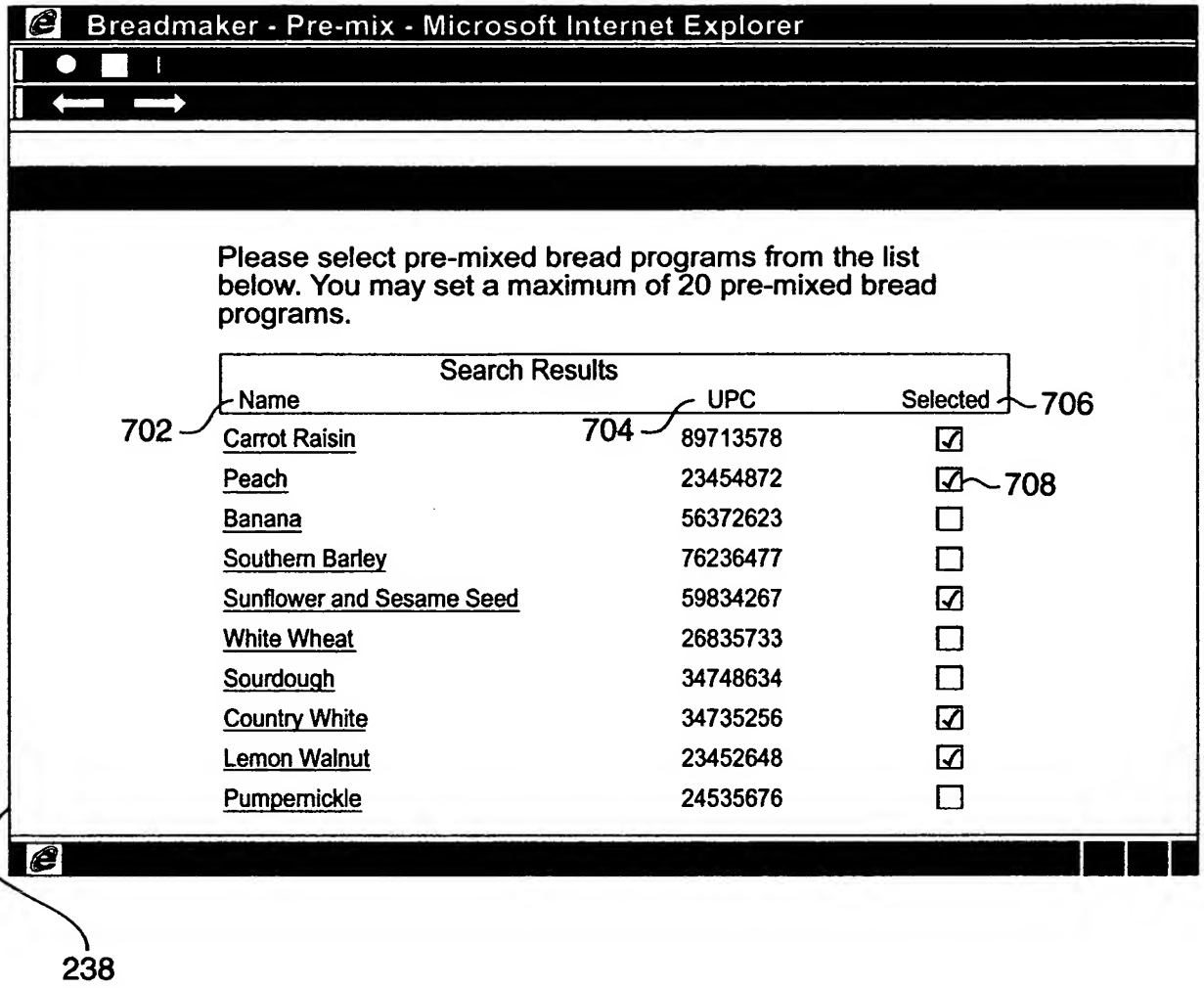


Fig. 7

20030234-US-PAT

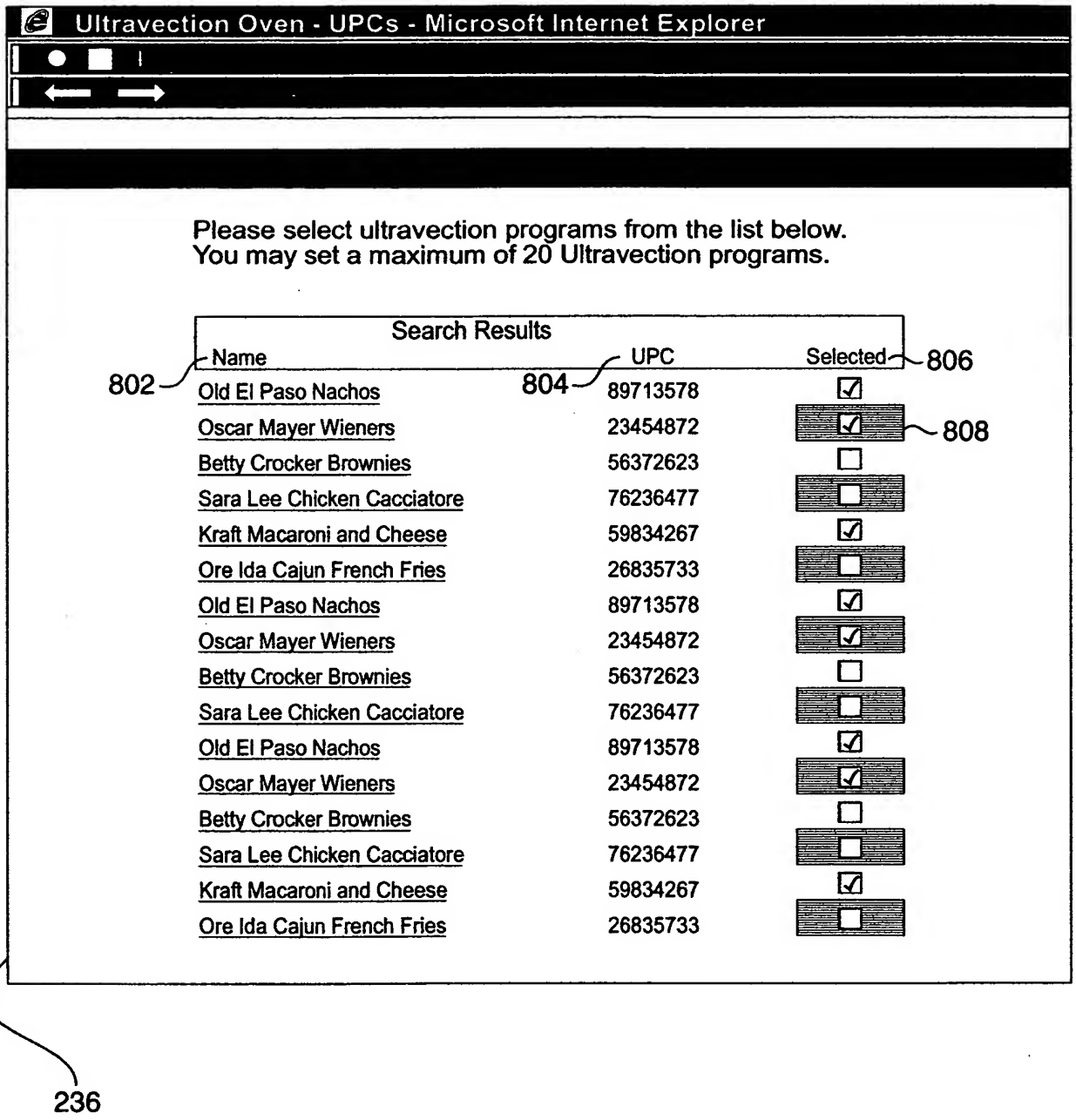

Ultravection Oven - UPCs - Microsoft Internet Explorer
Please select ultravection programs from the list below.
You may set a maximum of 20 Ultravection programs.
Search Results
Name
UPC
Selected
802
804
806
808
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Kraft Macaroni and Cheese 59834267
Ore Ida Cajun French Fries 26835733
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Kraft Macaroni and Cheese 59834267
Ore Ida Cajun French Fries 26835733
236

Fig. 8

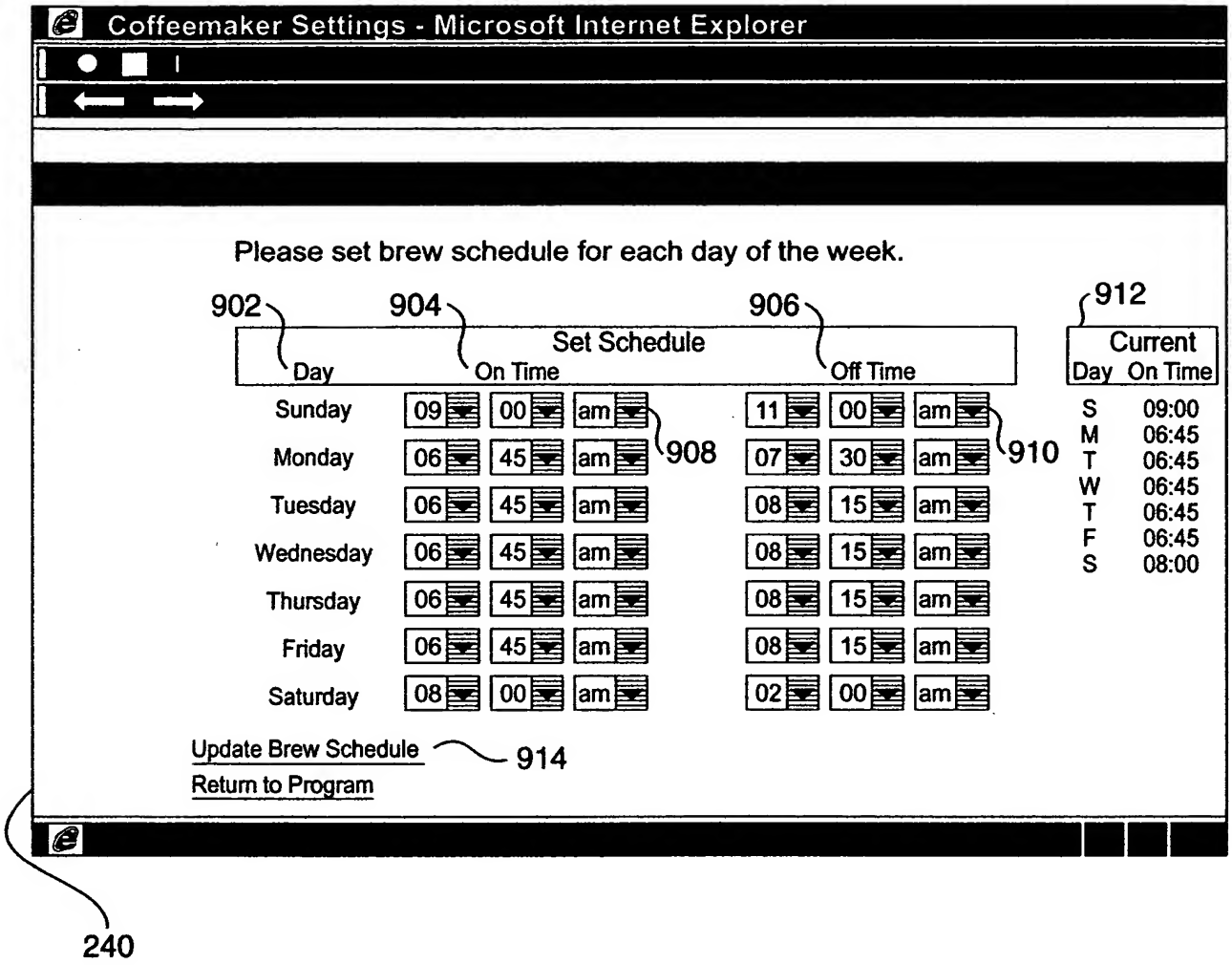

Coffeemaker Settings - Microsoft Internet Explorer
Please set brew schedule for each day of the week.
902
904
906
912
Set Schedule
Day
On Time
Off Time
Current
Day On Time
Sunday 09 00 am 11 00 am
Monday 06 45 am 07 30 am
Tuesday 06 45 am 08 15 am
Wednesday 06 45 am 08 15 am
Thursday 06 45 am 08 15 am
Friday 06 45 am 08 15 am
Saturday 08 00 am 02 00 am
908
910
S 09:00
M 06:45
T 06:45
W 06:45
T 06:45
F 06:45
S 08:00
Update Brew Schedule
914
Return to Program
240

Fig. 9

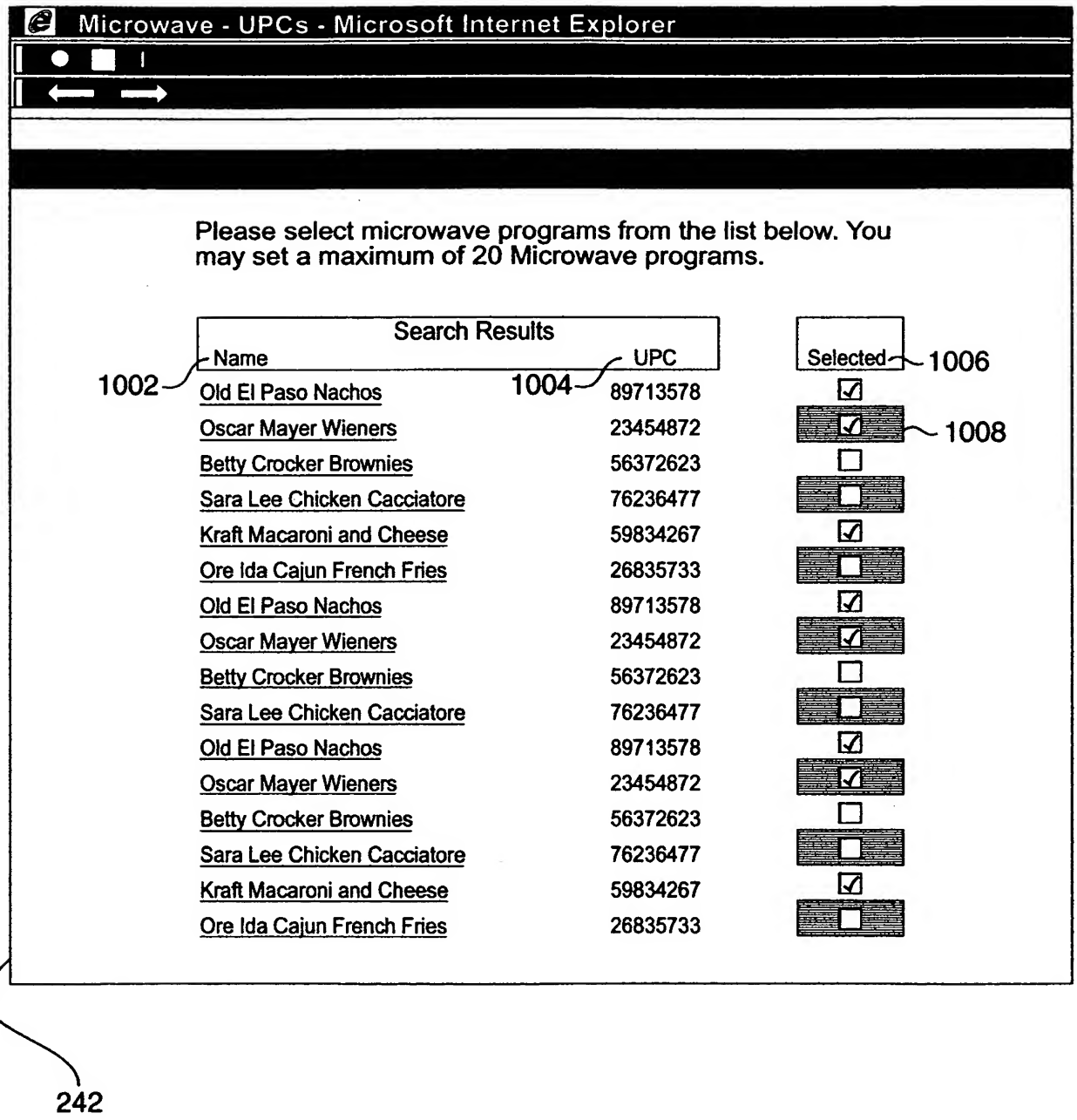

Microwave - UPCs - Microsoft Internet Explorer
Please select microwave programs from the list below. You may set a maximum of 20 Microwave programs.
Search Results
Name
UPC
Selected
1002
1004
1006
1008
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Kraft Macaroni and Cheese 59834267
Ore Ida Cajun French Fries 26835733
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Old El Paso Nachos 89713578
Oscar Mayer Wieners 23454872
Betty Crocker Brownies 56372623
Sara Lee Chicken Cacciatore 76236477
Kraft Macaroni and Cheese 59834267
Ore Ida Cajun French Fries 26835733
242

Fig. 10

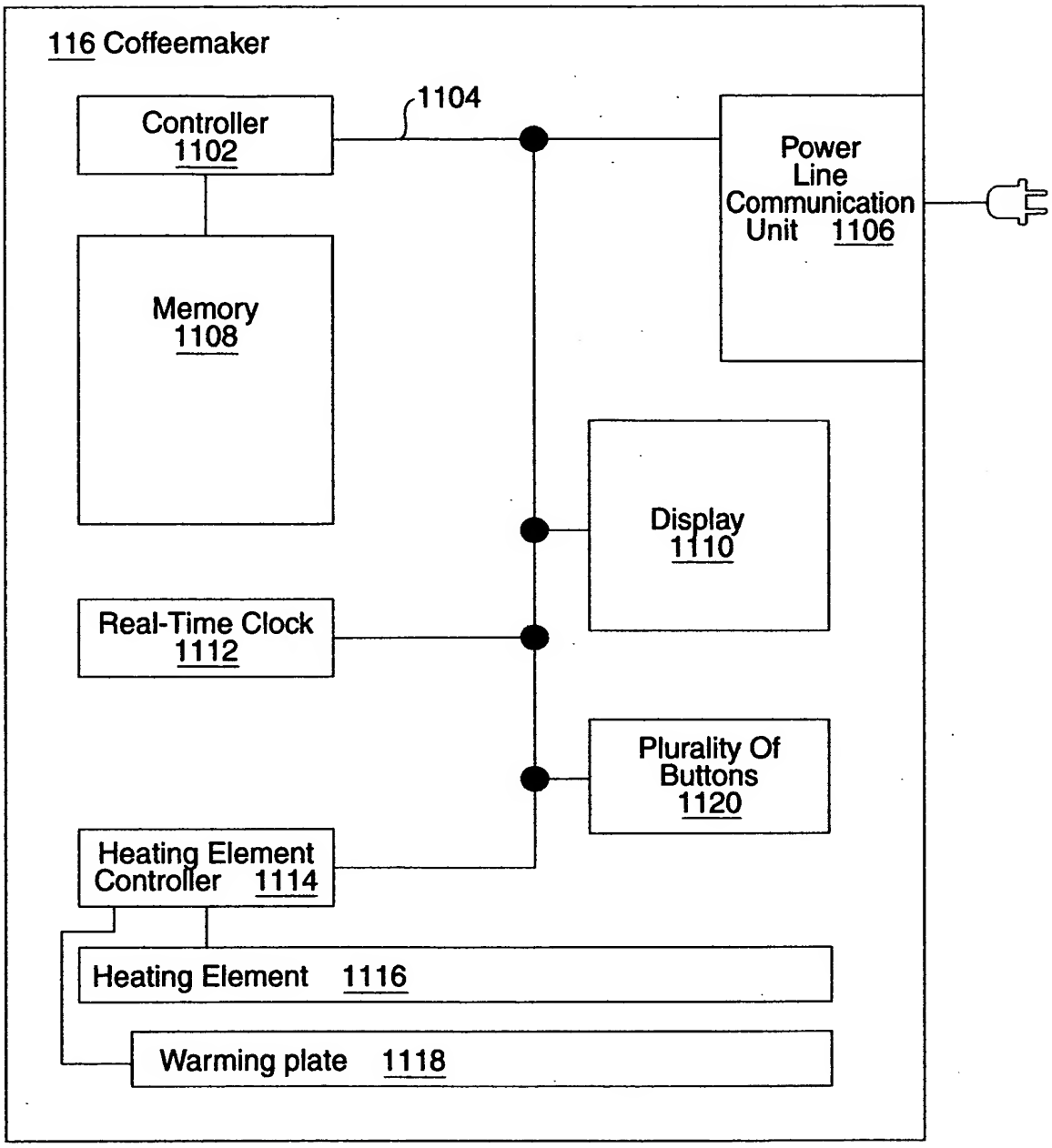


Fig. 11

20080304.0288

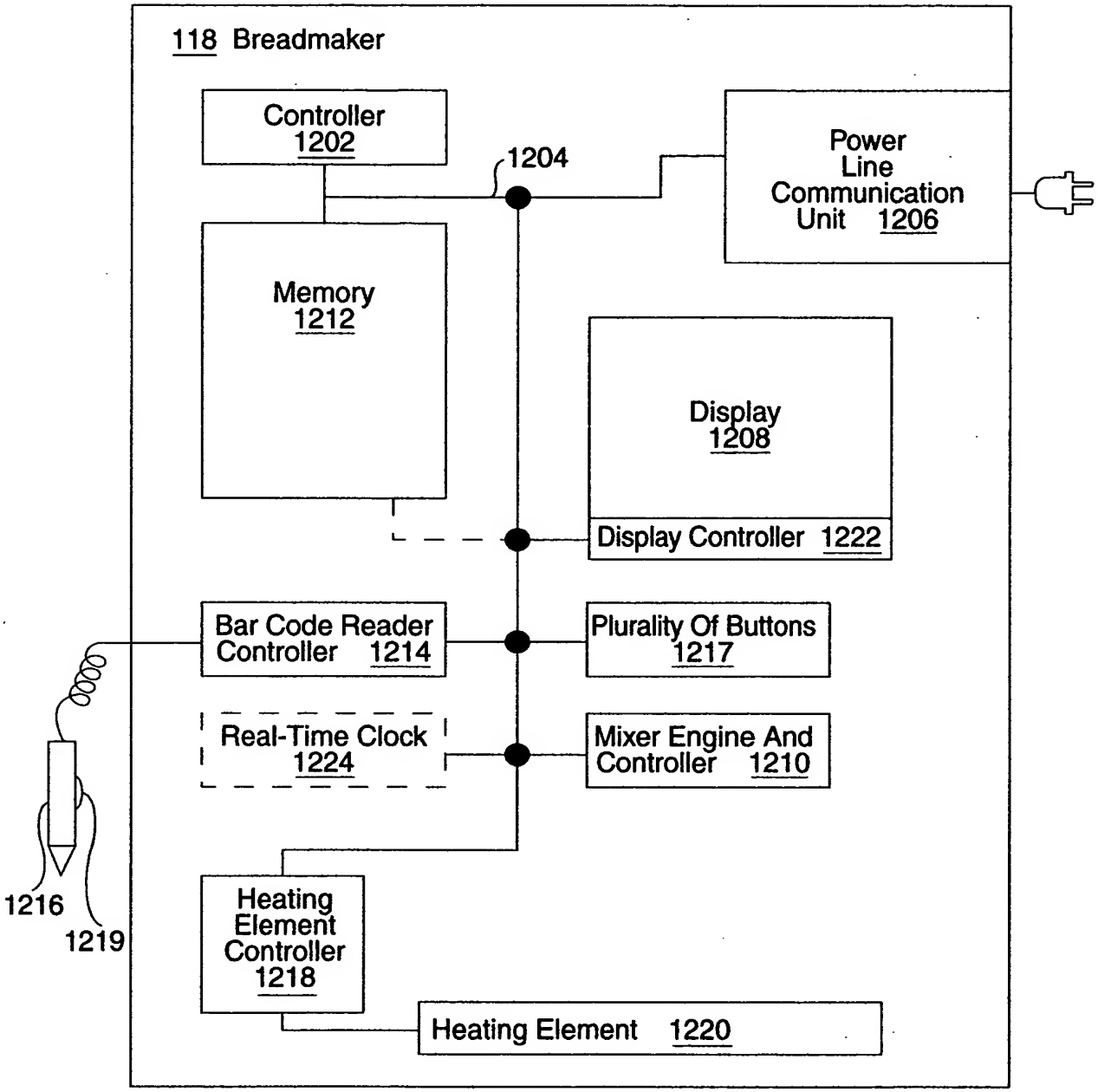

118 Breadmaker
Controller 1202
1204
Power Line Communication Unit 1206
Memory 1212
Display 1208
Display Controller 1222
Bar Code Reader Controller 1214
Plurality Of Buttons 1217
Real-Time Clock 1224
Mixer Engine And Controller 1210
1216
1219
Heating Element Controller 1218
Heating Element 1220

Fig. 12

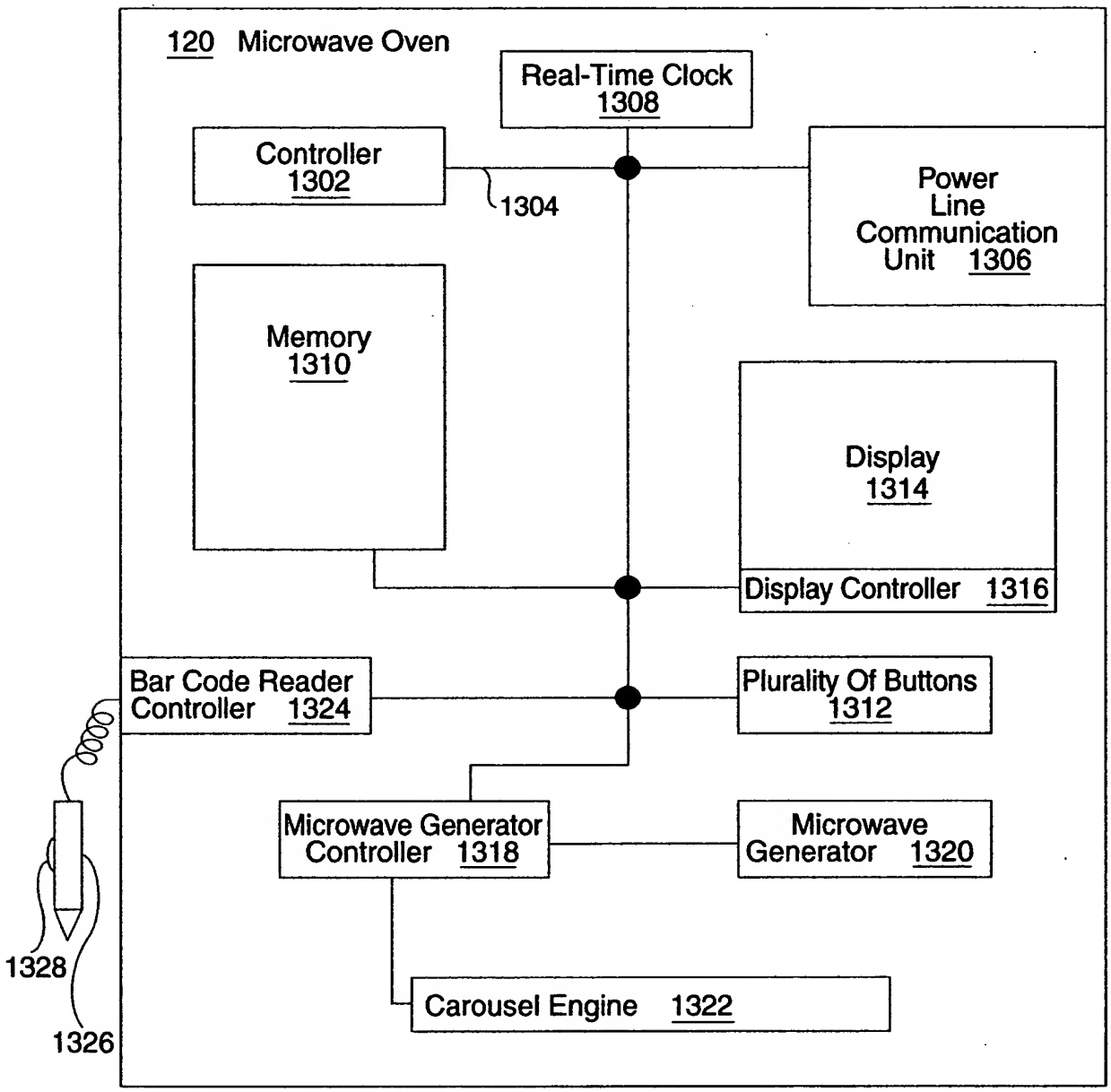

120 Microwave Oven
Real-Time Clock 1308
Controller 1302
1304
Power Line Communication Unit 1306
Memory 1310
Display 1314
Display Controller 1316
Bar Code Reader Controller 1324
Plurality Of Buttons 1312
Microwave Generator Controller 1318
Microwave Generator 1320
Carousel Engine 1322
1328
1326

Fig. 13

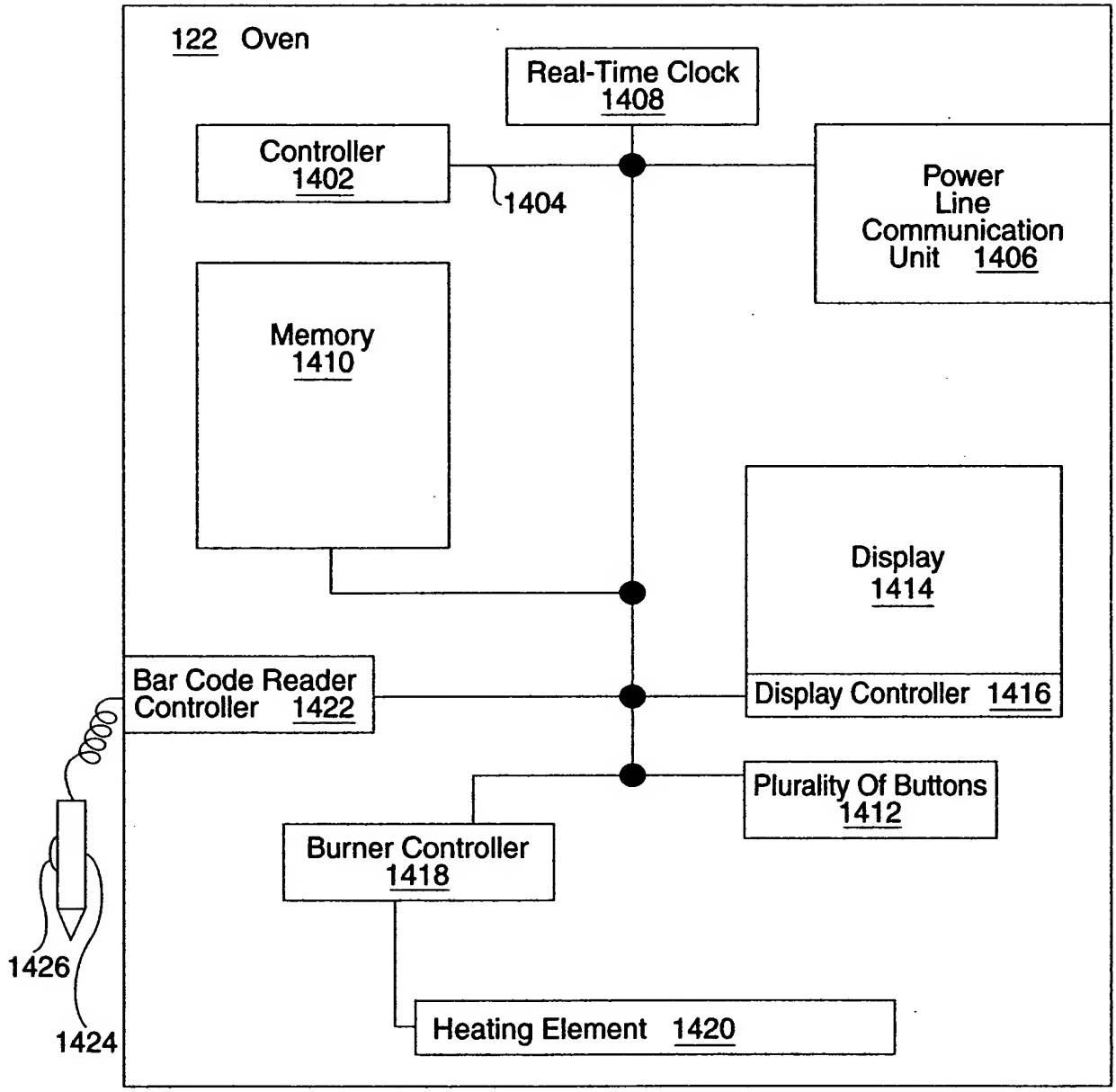

122 Oven
Real-Time Clock 1408
Controller 1402
1404
Power Line Communication Unit 1406
Memory 1410
Display 1414
Display Controller 1416
Bar Code Reader Controller 1422
Plurality Of Buttons 1412
Burner Controller 1418
1426
1424
Heating Element 1420

Fig. 14

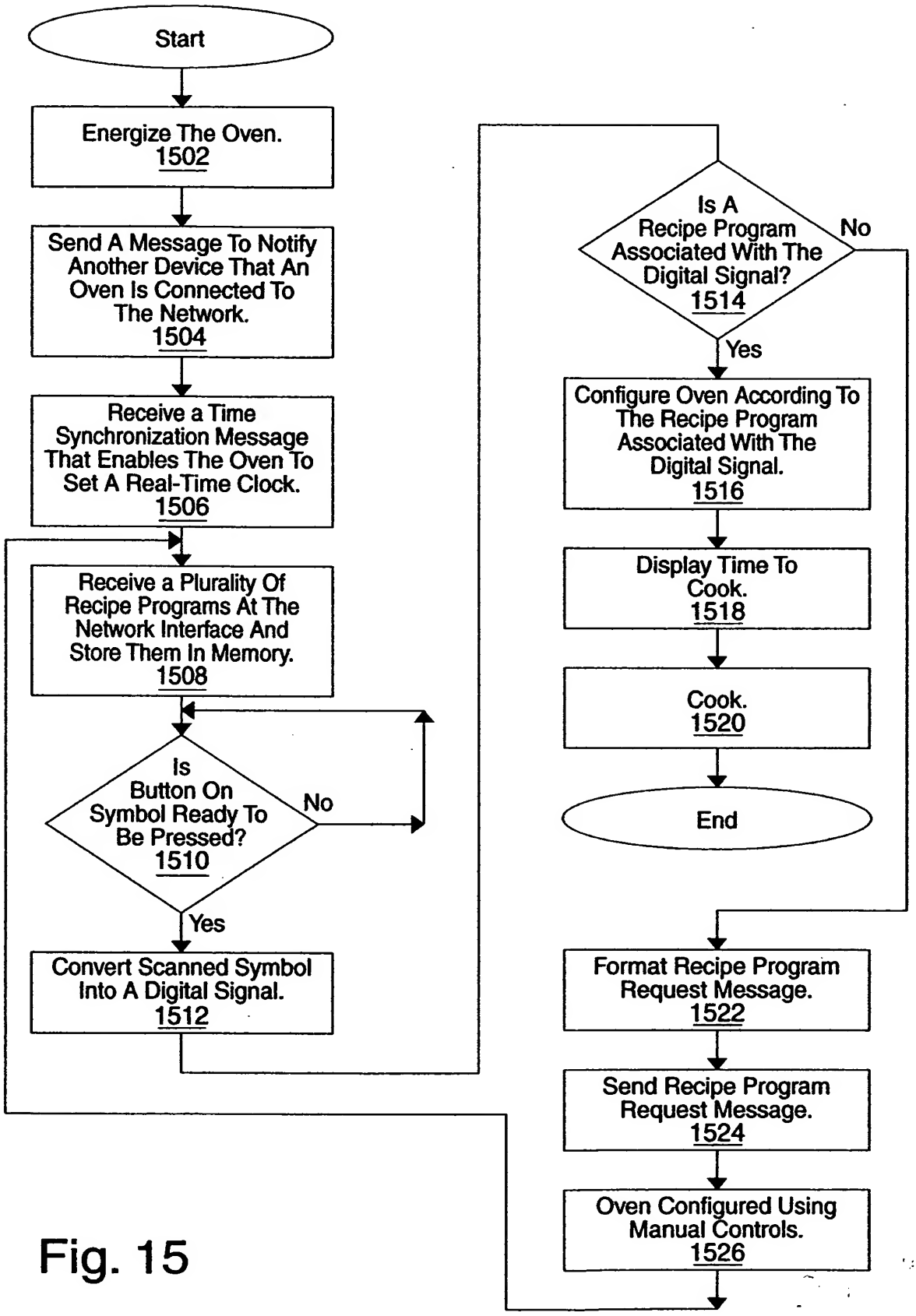

Start
Energize The Oven. 1502
Send A Message To Notify Another Device That An Oven Is Connected To The Network. 1504
Receive a Time Synchronization Message That Enables The Oven To Set A Real-Time Clock. 1506
Receive a Plurality Of Recipe Programs At The Network Interface And Store Them In Memory. 1508
Is Button On Symbol Ready To Be Pressed? 1510
No
Yes
Convert Scanned Symbol Into A Digital Signal. 1512
Is A Recipe Program Associated With The Digital Signal? 1514
No
Yes
Configure Oven According To The Recipe Program Associated With The Digital Signal. 1516
Display Time To Cook. 1518
Cook. 1520
End
Format Recipe Program Request Message. 1522
Send Recipe Program Request Message. 1524
Oven Configured Using Manual Controls. 1526

Fig. 15